IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Adrian P. Wise et al. Filed: HEREWITH For: MULTISTANDARD VIDEO DECODER AND DECOMPRESSION SYSTEM FOR PROCESSING ENCODED BIT STREAMS INCLUDING STORING DATA AND METHODS RELATING THERETO	§ Serial No. Not Yet Known § § Art Unit: 2783 (anticipated) § § Examiner: Follansbee, J. (anticipated) § § Attorney Docket No.: § 94100414(EP)USC1X1C1D3 PDDD § § § § §

PRELIMINARY AMENDMENT

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington DC 20231

Sir:
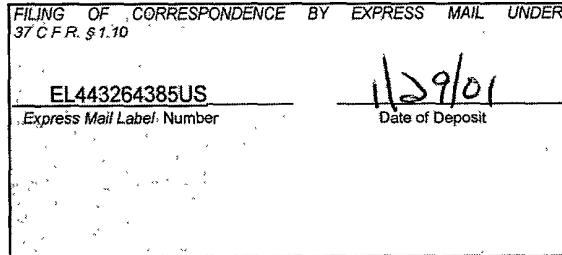
Prior to issuance of Serial Number 09/307,239 filed on October 7, 1997, and entitled MULTISTANDARD VIDEO DECODER AND DECOMPRESSION SYSTEM FOR PROCESSING ENCODED BIT STREAMS INCLUDING START CODES AND METHODS RELATING THERETO, applicant wishes to file a new divisional application thereon.

In the Specification:

On page 1, line 1, please delete "DATA PIPELINE SYSTEM AND DATA ENCODING METHOD" and in place thereof, please insert new title:

--MULTISTANDARD VIDEO DECODER AND DECOMPRESSION SYSTEM FOR PROCESSING ENCODED BIT STREAMS INCLUDING STORING DATA AND METHODS RELATING THERETO--.

On page 1, lines 2-8, please delete "This is a continuation-in-part application of U.S. Serial No. (not yet known) filed February 2, 1995, which is a continuation application of Serial No. 08/082,291 filed June 24, 1993. This application claims priority from EPO Application No. 92306038.8 filed June 30, 1992, British Application No. 9405914.4 filed March 24, 1994 and British Application No. (not yet known) filed February 28, 1995." and in place thereof please insert the following heading and paragraph:

--CROSS REFERENCE TO RELATED APPLICATIONS

This application is a divisional of U.S. Serial No. 09/307,239 filed October 7, 1997, which is a continuation of U.S. Serial No. 08/400,397 filed March 7, 1995, which is a Continuation-In-Part of U.S. Serial No. 08/382,958 filed February 2, 1995, now abandoned, which is a continuation of U.S. Serial No. 08/082,291 filed June 24, 1993, now abandoned.--

In the Claims:

Please add the following claims:

1   1.   A method of storing data, comprising:

2   receiving a sequence of data words of a first predetermined width and different

3   respective formats;

4   splitting the data words of the received sequence to form new data words of a

5   new sequence, the new data words having a second predetermined width;

6   packing the consecutive new data words consecutively in a token buffer of a

7   second width without holes between the packed new data words; and

8   unpacking the data words to reproduce the new sequence of new data

9   words.

1   2.   The method of claim 1, further comprising:

2   writing a block of data from the token buffer to a random access

3   memory device configured to store words of the second width.

1   3.   The method of claim 1, further comprising:

2   expanding out run length code in the unpacked words.

1   4.   An inverse modeler, comprising:

2   a data unpacker to unpack data words received from an input terminal to a

3   different length format;

4   a data expander coupled to the data unpacker; and

5   a data padder to pad data tokens received from the expander.

1   5.The inverse modeler of claim 4, wherein the data expander expands out run

2   length codes into runs of zeros followed by a level in the packed data.

1   6.   The inverse modeler of claim 5, wherein the data padder pads the last

2   word of the expanded tokens.

1   7.   The inverse modeler of claim 4, wherein the data unpacker deletes data

2   between a flush signal and a block end signal.

REMARKS

Should the Examiner believe that contact with Applicant's attorney would be beneficial to the disposition of this application, he is invited to contact Applicant's attorney at the telephone number listed below. The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 94-1175.

Respectfully submitted,
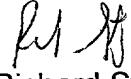
Date: 1/2 1/01

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